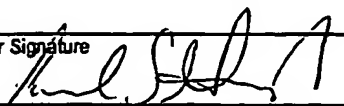


Sheet 1 of 14


Substitute Form PTO-1449 (Modified) <b>INFORMATION DISCLOSURE STATEMENT</b> <b>by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>16614-030001</b>	Application No. <b>10/612,393</b>
	Applicant <b>Thomas E. Tarara et al.</b>		
	Filing Date <b>July 3, 2003</b>	Group Art Unit <b>1616</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
SG	1	2002/0052310	05/02/2002	Edwards et al.			
	2	2003/0068277	09/15/1997	Vanbever et al.			
	3	3,014,844	12/26/1961	Thiel et al.			
	4	3,812,854	05/28/1974	Michaels et al.			
	5	3,957,964	05/18/1976	Grim III			
	6	3,975,512	08/17/1976	Long Jr.			
	7	4,161,516	07/17/1997	Bell			
	8	4,180,593	12/25/1979	Cohan			
	9	4,358,442	11/09/1982	Wirtz-Peitz et al.			
	10	4,397,799	08/09/1983	Edgren et al.			
	11	4,404,228	09/13/1983	Cloosterman et al.			
	12	4,571,334	02/18/1986	Yoshisa et al.			
	13	4,590,206	05/20/1986	Forrester et al.			
	14	4,765,987	08/23/1988	Bonte et al.			
	15	4,818,542	04/04/1989	DeLuca et al.			
	16	4,904,479	02/27/1990	Illum			
	17	4,971,787	11/20/1990	Cherukurki et al.			
	18	4,995,385	02/26/1991	Velentini et al.			
	19	5,011,678	04/30/1991	Wang et al.			
	20	5,032,585	07/16/1991	Lichtenberger			
	21	5,069,936	12/03/1991	Yen			
	22	5,118,494	06/02/1992	Schultz et al.			
	23	5,126,123	06/30/1992	Johnson			
	24	5,145,684	09/08/1992	Liversidge et al.			
	25	5,149,543	09/22/1992	Cohen et al.			
	26	5,173,298	12/22/1992	Meadows et al.			
SG	27	5,182,097	01/26/1993	Byron et al.			

Examiner Signature 	Date Considered <b>4/25/05</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

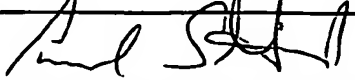
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>16614-030001</b>	Application No. <b>10/612,393</b>
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant <b>Thomas E. Tarara et al.</b>	
		Filing Date <b>July 3, 2003</b>	Group Art Unit <b>1616</b>
(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
SG	28	5,190,029	03/02/1993	Byron et al.			
	29	5,202,159	04/13/1996	Chen et al.			
	30	5,208,226	05/04/1993	Palmer			
	31	5,225,183	07/06/1993	Purewal et al.			
	32	5,230,884	07/27/1993	Evans et al.			
	33	5,254,330	10/19/1993	Ganderton et al.			
	34	5,260,306	11/09/1993	Boardman et al.			
	35	5,262,405	11/16/1993	Girod-Vaquez et al.			
	36	5,284,656	02/08/1994	Platz et al.			
	37	5,299,566	04/05/1994	Davis et al.			
	38	5,306,483	04/26/1994	Mautone			
	39	5,308,620	05/03/1994	Yen			
	40	5,348,730	09/20/1994	Greenleaf, et al.			
	41	5,376,359	12/27/1994	Johnson			
	42	5,380,519	01/10/1995	Scheider et al.			
	43	5,437,272	08/01/1995	Furhman			
	44	5,451,569	09/19/1995	Wong et al			
	45	5,470,885	11/28/1995	Fuhman et al.			
	46	5,474,759	12/12/1995	Fassberg et al.			
	47	5,490,498	02/13/1996	Faithfull, et al.			
	48	5,492,688	02/20/1996	Byrom et al.			
	49	5,506,203	04/09/1996	Backstrom et al.			
	50	5,518,709	05/21/1996	Sutton et al.			
	51	5,518,731	05/21/1996	Meadows			
	52	5,518,998	05/21/1996	Backstrom et al.			
	53	5,527,521	06/18/1996	Unger et al.			
SG	54	5,540,225	07/30/1996	Schutt			

Examiner Signature 	Date Considered <b>4/25/05</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

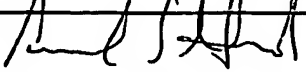
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 16614-030001	Application No. 10/612,393
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Thomas E. Tarara et al.	
		Filing Date July 3, 2003	Group Art Unit 1616

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
SG	55	5,542,935	08/06/1996	Unger et al.			
	56	5,547,656	08/20/1996	Unger			
	57	5,562,608	10/08/1996	Sekins et al.			
	58	5,569,448	10/19/1996	Wong et al.			
	59	5,569,450	10/29/1996	Duan et al.			
	60	5,580,575	12/03/1996	Unger et al.			
	61	5,605,673	02/25/1997	Schutt et al.			
	62	5,605,674	02/25/1997	Purewal et al.			
	63	5,612,053	03/18/1997	Baichwal			
	64	5,616,311	04/01/1997	Yen			
	65	5,635,159	06/03/1997	Fu Lu et al.			
	66	5,635,161	06/03/1997	Adjei et al.			
	67	5,648,095	07/15/1997	Illum et al.			
	68	5,653,961	08/05/1997	McNally et al.			
	69	5,653,962	08/05/1997	Akehurst et al.			
	70	5,654,007	08/05/1997	Johnson et al.			
	71	5,655,521	08/12/1997	Faithfull et al.			
	72	5,656,297	08/12/1997	Bernstein et al.			
	73	5,658,549	08/19/1997	Akehurst et al.			
	74	5,659,297	08/19/1997	Tatavoosian			
	75	5,667,808	09/16/1997	Johnson et al.			
	76	5,667,809	09/16/1997	Trevino et al.			
	77	5,673,686	10/07/1997	Villax et al.			
	78	5,674,471	10/07/1997	Akehurst et al.			
	79	5,674,472	10/07/1997	Akehurst et al.			
	80	5,674,473	10/07/1997	Purwal et al.			
SG	81	5,676,929	10/14/1997	Akehurst et al.			

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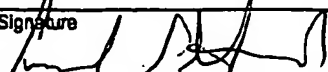
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U.S. Patent Documents							
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S <sub>6</sub>	82	5,681,545	10/28/1997	Purwal et al.			
	83	5,683,676	11/04/1997	Akehurst et al.			
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	85	5,688,782	11/18/1997	Neale et al.			
	86	5,690,954	11/25/1997	Illum			
	87	5,695,743	12/09/1997	Purewal et al.			
	88	5,695,744	12/09/1997	Neale et al.			
	89	5,698,537	12/16/1997	Pruss			
	90	5,707,352	01/13/1998	Sekins et al.			
	91	5,707,644	01/13/1998	Illum			
	92	5,718,222	02/17/1998	Lloyd et al.			
	93	5,718,921	02/17/1998	Mathiowitz, et al.			
	94	5,720,940	02/24/1998	Purewal et al.			
	95	5,724,957	03/10/1998	Rubsamen et al.			
	96	5,725,841	03/10/1998	Duan et al.			
	97	5,725,871	03/10/1998	Illum			
	98	5,735,263	04/07/1998	Rubsamen et al.			
	99	5,736,124	04/07/1998	Akehurst et al.			
	100	5,741,478	04/21/1998	Osborne et al.			
	101	5,741,522	04/21/1998	Violante et al.			
	102	5,743,250	04/28/1998	Gonda et al.			
	103	5,743,252	04/28/1998	Rubsamen et al.			
	104	5,744,123	04/28/1998	Akehurst et al.			
	105	5,744,166	04/28/1998	Illum			
	106	5,747,001	05/05/1998	Widemann et al.			
	107	5,747,445	05/05/1998	Backstrom et al.			
S <sub>9</sub>	108	5,755,218	05/26/1998	Johansson et al.			

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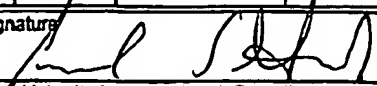
U.S. Patent Documents							
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<i>SG</i>	109	5,756,104	05/26/1998	de Haan et al.			
	110	5,766,573	06/16/1998	Purewal et al.			
	111	5,770,187	06/23/1998	Hasebe et al.			
	112	5,770,222	06/23/1998	Unger et al.			
	113	5,770,559	06/23/1998	Manning et al.			
	114	5,770,585	06/23/1998	Kaufman et al.			
	115	5,776,496	07/07/1998	Violante et al.			
	116	5,804,212	09/08/1998	Illum			
	117	5,811,406	09/22/1998	Szoka, Jr. et al.			
	118	5,814,607	09/29/1998	Patton			
	119	5,817,293	10/06/1998	Akehurst et al.			
	120	5,820,883	10/13/1998	Tice et al.			
	121	5,829,435	11/03/1998	Rubsamen			
	122	5,830,430	11/03/1998	Unger et al.			
	123	5,830,853	11/03/1998	Backstrom et al.			
	124	5,853,698	12/29/1998	Straub et al.			
	125	5,853,752	05/29/1998	Unger et al.			
	126	5,853,763	12/29/1998	Tice et al.			
	127	5,855,913	01/05/1999	Hanes et al.			
	128	5,856,367	01/05/1999	Barrows et al.			
	129	5,858,784	01/12/1999	Debs et al.			
	130	5,863,554	01/26/1999	Illum			
	131	5,874,063	02/23/1999	Briggner et al.			
	132	5,874,064	02/23/1999	Edwards et al.			
	133	5,891,844	04/06/1999	Hafner			
	134	5,898,028	04/27/1999	Jensen et al.			
<i>SG</i>	135	5,925,334	07/20/1999	Rubin et al.			

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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 16614-030001	Application No. 10/612,393
	Applicant Thomas E. Tarara et al.		
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
SG	136	5,955,143	09/21/1999	Wheatley			
	137	5,985,309	11/16/1999	Edwards et al.			
	138	5,994,318	11/30/1999	Gould-Fogerite et al.			
	139	6,017,310	01/25/2000	Johnson et al.			
	140	6,019,968	02/01/2000	Platz et al.			
	141	6,041,777	03/28/2000	Faithful			
	142	6,048,546	04/11/2000	Sasaki et al.			
	143	6,051,259	04/18/2000	Johnson et al.			
	144	6,068,600	05/30/2000	Johnson et al.			
	145	6,086,376	07/11/2000	Moussa et al.			
	146	6,113,948	09/05/2000	Heath et al.			
	147	6,116,237	09/12/2000	Schultz et al.			
	148	6,129,934	10/10/2000	Etan et al.			
	149	6,165,508	12/26/2000	Tracy et al.			
SG	150	6,416,739	07/09/2002	Rogerson et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
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	151	AU 714998	11/19/1997	Australia				
	152	CA 2036844	08/23/1991	Canada				
	153	CA 2136704	05/28/1995	Canada				
	154	EP 0655237	05/31/1995	Europe				
SG	155	EP 0274431	07/13/1988	Europe				
SG	156	EP 0372777	06/13/1990	Europe				
	157	EP 0391896	03/02/1994	Europe				
	158	EP 0493437	08/02/1995	Europe				
SG	159	EP 0499344	10/11/1995	Europe				
	160	EP 0513127	07/19/1995	Europe				

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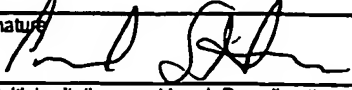
Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>16614-030001</b>	Application No. <b>10/612,393</b>
	Applicant <b>Thomas E. Tarara et al.</b>		
	Filing Date <b>July 3, 2003</b>	Group Art Unit <b>1616</b>	

Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
GA	161	EP 0536204	04/06/1994	Europe				
GA	162	EP 0536235	01/22/1997	Europe				
	<del>163</del>	<del>EP 0539522</del>	<del>12/30/1998</del>	<del>Europe</del>				
	<del>164</del>	<del>EP 0553298</del>	<del>11/17/1994</del>	<del>Europe</del>				
	<del>165</del>	<del>EP 0556256</del>	<del>08/30/1995</del>	<del>Europe</del>				
	<del>166</del>	<del>EP 0587790</del>	<del>01/03/1996</del>	<del>Europe</del>				
	<del>167</del>	<del>EP 0588897</del>	<del>02/28/1996</del>	<del>Europe</del>				
	<del>168</del>	<del>EP 0603578</del>	<del>01/10/1996</del>	<del>Europe</del>				
GA	169	EP 0611567	08/24/1994	Europe				
GA	170	EP 0616525	09/27/1995	Europe				
GA	171	EP 0653205	05/17/1995	Europe				
	<del>172</del>	<del>EP 0655237</del>	<del>05/31/1995</del>	<del>Europe</del>				
	<del>173</del>	<del>EP 0656206</del>	<del>06/07/1995</del>	<del>Europe</del>				
	<del>174</del>	<del>EP 0658101</del>	<del>06/21/1995</del>	<del>Europe</del>				
	<del>175</del>	<del>JP 03038592</del>	<del>02/19/1991</del>	<del>Japan</del>				
GA	176	UK 2065659	07/01/1981	United Kingdom				
GA	177	WO 91/04011	04/04/1991	PCT				
GA	178	WO 91/04715	04/18/1991	PCT				
GA	179	WO 91/11173	08/08/1991	PCT				
GA	180	WO 91/12823	09/05/1991	PCT				
	181	WO 91/16444	10/31/1991	PCT				
	182	WO 91/16882	11/14/1991	PCT				
	183	WO 92/00107	01/09/1992	PCT				
	184	WO 92/11050	07/09/1992	PCT				
	185	WO 92/14444	09/03/1992	PCT				
	186	WO 92/18164	10/29/1992	PCT				
GA	187	WO 93/11744	06/24/1993	PCT				

Examiner Signature <i>[Signature]</i>	Date Considered <b>4/23/05</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 16614-030001	Application No. 10/612,393
Information Disclosure Statement by Applicant (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Thomas E. Tarara et al.	
		Filing Date July 3, 2003	Group Art Unit 1616


Foreign Patent Documents or Published Foreign Patent Applications								
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SG	188	WO 93/11745	06/24/1993	PCT				
SG	189	WO 93/14172	07/22/1993	PCT		ABS		
SG	190	WO 94/04133	03/03/1994	PCT				
SG	191	WO 94/08552	04/28/1994	PCT				
	192	WO 94/08627	04/28/1994	PCT				
	193	WO 95/00128	01/05/1995	PCT				
	194	WO 95/05194	02/23/1995	PCT				
	195	WO 95/15118	06/08/1995	PCT				
SG	196	WO 95/17195	06/29/1995	PCT				
	197	WO 95/23613	09/08/1995	PCT				
	198	WO 95/24892	09/21/1995	PCT				
	199	WO 95/27476	10/19/1995	PCT				
	200	WO 95/28944	11/02/1995	PCT				
	201	WO 95/31182	11/23/1995	PCT				
	202	WO 95/31964	11/30/1995	PCT				
	203	WO 96/09814	04/04/1996	PCT				
	204	WO 96/11745	06/24/1993	PCT				
	205	WO 96/15814	05/30/1996	PCT				
	206	WO 96/18388	06/20/1996	PCT				
	207	WO 96/19197	06/27/1996	PCT				
	208	WO 96/19198	06/27/1996	PCT				
	209	WO 96/19199	06/27/1996	PCT				
	210	WO 96/19968	07/04/1996	PCT				
	211	WO 96/26746	09/06/1996	PCT				
	212	WO 96/32149	10/17/1996	PCT				
	213	WO 96/37399	03/14/1996	PCT				
SG	214	WO 96/40068	12/19/1996	PCT				

Examiner Signature 	Date Considered 4/25/05
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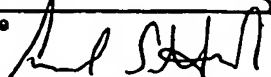
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SG	215	WO 96/40277	12/19/1996	PCT				
GA	216	WO 97/03649	02/06/1997	PCT				
GA	217	WO 97/26863	07/31/1997	PCT		ADS		
	218	WO 97/35562	10/02/1997	PCT				
	219	WO 97/36574	10/09/1997	PCT				
	220	WO 97/36578	10/09/1997	PCT				
	221	WO 97/40819	11/06/1997	PCT				
	222	WO 97/41833	11/13/1997	PCT				
	223	WO 97/44012	11/27/1997	PCT				
	224	WO 97/44013	11/27/1997	PCT				
	225	WO 98/00111	01/08/1998	PCT				
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	228	WO 98/07414	02/26/1998	PCT				
	229	WO 98/08519	03/05/1998	PCT				
	230	WO 98/13031	04/02/1998	PCT				
	231	WO 98/16205	04/23/1998	PCT				
	232	WO 98/17257	04/30/1998	PCT				
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	237	WO 98/30207	07/16/1998	PCT				
	238	WO 98/31346	07/23/1998	PCT				
	239	WO 98/33480	08/06/1998	PCT				
	240	WO 98/33487	08/06/1998	PCT				
SG	241	WO 98/41188	09/24/1998	PCT				

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 16614-030001	Application No. 10/612,393
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Thomas E. Tarara et al.	
		Filing Date July 3, 2003	Group Art Unit 1616

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
SG	242	WO 99/06026	02/11/1999	PCT				
SG	243	WO 99/16419	04/08/1999	PCT				
SG	244	WO 99/16420	04/08/1999	PCT				
SG	245	WO 99/16421	04/08/1999	PCT				
SG	246	WO 99/16422	04/08/1999	PCT				
SG	247	WO 99/38493	08/05/1999	PCT				
SG	248	WO 99/66903	12/29/1999	PCT				
SG	249	WO 00/00176	01/06/2000	PCT				
SG	250	WO 00/00215	01/06/2000	PCT				
SG	251	WO 00/10541	03/02/2000	PCT				
SG	252	WO 00/21594	04/20/2000	PCT				
SG	253	WO 00/72904	12/07/2000	PCT				
SG	254	WO 01/00263	01/04/2001	PCT				
SG	255	WO 01/13892	03/01/2001	PCT				
SG	256	WO 01/95874	12/20/2001	PCT				

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	257	<del>Abineck et al., "The Molecular Basis of Moisture Effects on the Physical and Chemical Stability of Drugs in the Solid State", Int. J. of Pharmaceuticals, 62:87-95 (1990)</del>
	258	<del>Altenbach et al., "Ca<sup>2+</sup> Binding to Phosphatidylcholine Bilayers As Studied by Deuterium Magnetic Resonance. Evidence for the Formulation of a Ca<sup>2+</sup> Complex with Two Phospholipid Molecules" Biochem. 23:3913-3920 (1984)</del>
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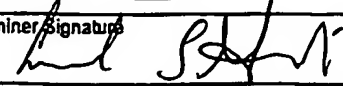
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	<del>264</del>	<del>Buldt et al., "Neutron Diffraction Studies on Phosphatidylcholine Model Membranes", <i>J. Mol. Biol.</i> 123:673-691 (1979)</del>
	<del>265</del>	<del>Ceyc, G., "Membrane Electrostatics" <i>Biochim. Biophys. Acta.</i>, 1031(3):311-382 (1990)</del>
	<del>266</del>	<del>Dellamary et al., "Hollow Porous Particles in Metered Dose Inhalers", <i>Pharm. Research</i> 17(2): 168-174 (2000)</del>
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	<del>268</del>	<del>Duzgunes et al., "Studies on the Mechanism of Membrane Fusion. Role of Head-Group Composition in Calcium- and Magnesium-Induced Fusion of Mixed Phospholipid Vesicles" <i>Biochim. Biophys. Acta.</i>, 642:184-195 (1981)</del>
	<del>269</del>	<del>Ebara et al., "Interactions of Calcium Ions with Phospholipid Membranes" <i>Langmuir</i>, 10:2267-2271 (1994)</del>
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	<del>273</del>	<del>Goldbach et al., "Spray-Drying of Liposomes for a Pulmonary Administration I. Chemical Stability of Phospholipids", <i>Drug Develop. Ind. Pharm.</i>, 19(19):2611-2622 (1993)</del>
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Examiner Signature <i>Michael S. H. H.</i>	Date Considered 4/25/05
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	275	Gordon et al., "Ideal Copolymers and the Second-Order Transitions of Synthetic Rubbers. I. Non-Crystalline Copolymers", J. Appl. Chem., 2:493-500 (1952)
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Sen	278	Harwood, C.F., "Compaction effect on flow property indexes for powders", J. Pharm. Sci., 60, 161-163, (1971)
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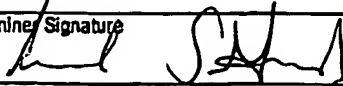
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	<del>290</del>	<del>Mutterlein, et al., "New technology for generating inhalation aerosols—preliminary results with the piezoelectrical pocket-inhaler", J. Aerosol Med., 1:231 (1988)</del>
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	<del>292</del>	<del>Parasassi et al., "Calcium-Induced Phase Separation in Phospholipid Bilayers. A Fluorescence Anisotropy", Cellular and Molecu. Bio., 32(3):261-266 (1986)</del>
	<del>293</del>	<del>Pharmacoepital Previews, 22: 3063 (1996)</del>
	<del>294</del>	<del>Reboiras, M.D., "Activity Coefficients of CaCl<sub>2</sub> in the Presence of Dipalmitoylphosphatidylcholine-Phosphatidylinositol Vesicles in Aqueous Media", Bioelectrochemistry and Bioenergetics, 39:101-108 (1996)</del>
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	<del>296</del>	<del>Roth et al., "Production of Hollow Spheres", Paragon Press, Vol. 19, No. 7, pp. 939-942 (1998)</del>
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	<del>300</del>	<del>Seddon, J.M., "Structure of the Inverted Hexagonal (HII) Phase, and Non-Lamellar Phase Transitions of Lipids", Biochem Biophys. Acta., 1031:1-69, in particular pp. 43-44 and 49-50 (1990)</del>
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Examiner Signature <i>Paul S. Smith</i>	Date Considered 4/25/05
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	305	Sugisaki et al., "Calorimetric Study of the Glassy State. IV. Heat Capacities of Glassy Water and Cubic Ice", Bulletin of the Chem. Soc. Of Japan, 41:2591-2599 (1968)
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\* NPL not included.

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